



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **63307085 A**(43) Date of publication of application: **14.12.88**

(51) Int. Cl.

B65D 81/34(21) Application number: **62140525**(71) Applicant: **DAINIPPON PRINTING CO LTD**(22) Date of filing: **04.06.87**(72) Inventor: **MOMOTOME MASAOKI****(54) FOOD PACKAGE FOR MICROWAVE OVEN COOKING**

the lid 31 to release steam and the package naturally contracts to return to the original volume.

(57) Abstract

COPYRIGHT: (C)1988,JPO&Japio

PURPOSE: To realize the optimum cooking condition, by providing a steam escape hole to a container and adhering a valve sheet having a layer of a substance generating heat caused by a microwave to a base film so as to close said hole.

CONSTITUTION: A steam escape hole 4 is provided to the lid 31 of a container 3 and a valve sheet 5 having a layer 52 of a substance generating heat by a microwave is adhered to a base film 51 using an adhesive 6 so as to close the hole 4. As the substance generating heat caused by a microwave, indium oxide, tin oxide or a metal such as aluminum, nickel or tin is used and the membrane of this heat generating substance is provided so as to set the surface resistance thereof to a range of $10^1 W 10^4 \Omega / cm^2$. When a food package 1 is heated in a microwave oven, since the layer 52 of the substance generating heat generates heat, the adhesive 6 is softened to lower in its bonding strength. When the pressure of steam generated from content is raised to a certain limit or more, a part of the valve sheet 5 is naturally exfoliated from the periphery of the hole 4 of

